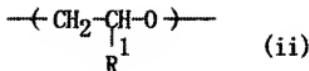
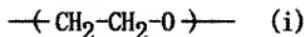


**AMENDMENTS TO THE CLAIMS**

**1. (Currently Amended)** A polymer electrolyte composition comprising:

(1) a crosslinked material of a polyether binary copolymer which has a main chain consisting of repeating units of formula (i) and crosslinking units of formula (ii), and which has a weight-average molecular weight of  $10^4$  to  $10^7$ ,



wherein R<sup>1</sup> is an ethylenically unsaturated group having an ester linkage,

- (2) an electrolyte solution comprising an aprotic organic solvent,
- (3) an additive, as an optical ingredient, which comprises an ether compound having an ethylene oxide unit, and
- (4) an electrolyte salt compound comprising a lithium salt ~~compound, compound,~~

wherein the amount of the electrolyte solution is within the range of 100 to 10,000 parts by weight, based on 100 parts by weight of the polyether binary copolymer.

**2. (Previously Presented)** The polymer electrolyte composition according to claim 1, wherein the repeating units of the formula (ii) are crosslinkable components derived from glycidyl acrylate or glycidyl methacrylate.

**3. (Previously Presented)** The polymer electrolyte composition according to claim 1, wherein the weight-average molecular weight of the polyether binary copolymer is within the range from  $10^5$  to  $5 \times 10^6$ .

**4. (Previously Presented)** The polymer electrolyte composition according to claim 1, which comprises 80 to 99.5 mol% of the units of the formula (i) and 0.5 to 20 mol% of the units of the formula (ii).

**5. (Previously Presented)** A battery comprising the polymer electrolyte composition according to claim 1, a positive electrode and a negative electrode.

**6. (Previously Presented)** A battery comprising the polymer electrolyte composition according to claim 2, a positive electrode and a negative electrode.

**7. (Previously Presented)** A battery comprising the polymer electrolyte composition according to claim 3, a positive electrode and a negative electrode.

**8. (Previously Presented)** A battery comprising the polymer electrolyte composition according to claim 4, a positive electrode and a negative electrode.